HW#87: Right Triangles Review

Geometry

Due: Monday, Feb. 29th

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP:\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| PYTHAGOREAN THEOREM Solve for x. Leave your answer in simplified radical form. | | | |
| 1. C:\Users\kramos\Desktop\Review1.PNG | C:\Users\kramos\Desktop\Review2.PNG | | 3. C:\Users\kramos\Desktop\Review3.PNG |
| SPECIAL RIGHT TRIANGLES Find the value of x and y for each triangle. | | | |
| 4. C:\Users\kramos\Desktop\Review4.PNG | 5. C:\Users\kramos\Desktop\Review5.PNG | | 6. C:\Users\kramos\Desktop\Review6.PNG |
| TRIG AND INVERSE TRIG Solve each right triangle. | | | |
| 7. C:\Users\kramos\Desktop\Review7.PNG | 8. C:\Users\kramos\Desktop\Review8.PNG | | 9. C:\Users\kramos\Desktop\Review9.PNG |
| 10. FLAGPOLE Julie is 6 feet tall. If she stands 15 feet from the flagple and holds a cardboard square, the edges of the square line up with the top and bottom of the falgpole. Approximate the height of the flagpole. | | 11. HILLS The length of a hill in your neighborhood is 2000 feet. The height of the hill is 750 feet. WHat is the angle of elevation of the hill?  C:\Users\kramos\Desktop\Review10.PNG | |